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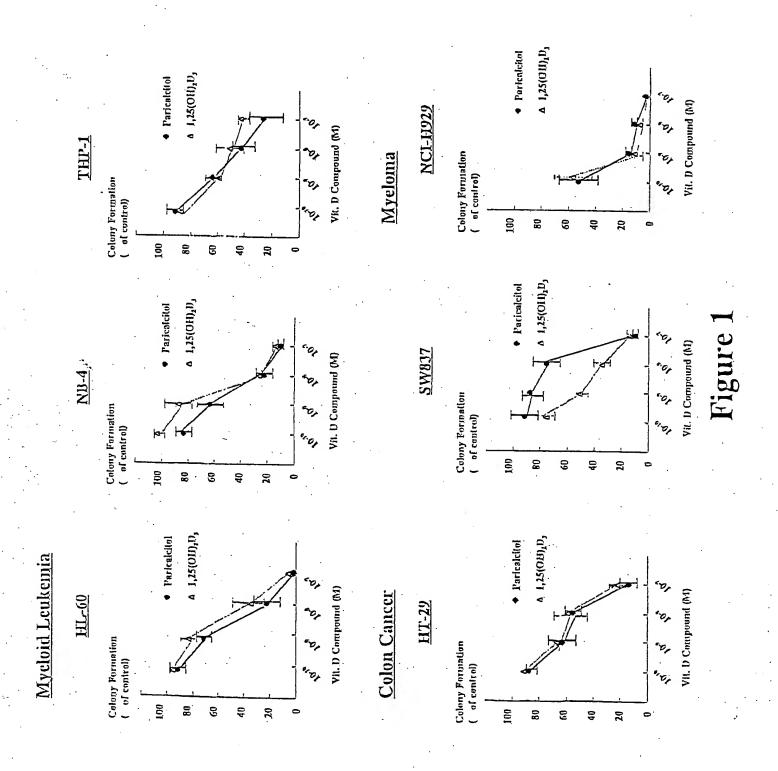
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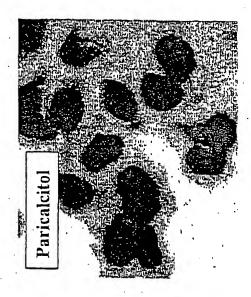
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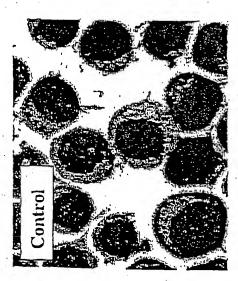
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Filing Date: Herewith
Attorney Client-Matter No.: 66783-144
Tel: 858-535-9001 loustented the forther 2/18 PTEN GAPDH PTEN GAPDH p27 p21 64% NB-4 **Paricarcitol** Figure 2 A, B, C CD14 expression on HL-60 1,25(OH)₂D₃ 54 % G2/M Cell Cycle Analysis (HL-60) **Paricalcitol** $(10^{-7} M)$ S Count 180 340 G2/M Control 2 % G0/G1 COUNTS 9 **20** 30 20

Title: PARICALCITOL AS A CHEMOTHERAPEUTIC AGENT Inventors: Koeffler and Kumagai





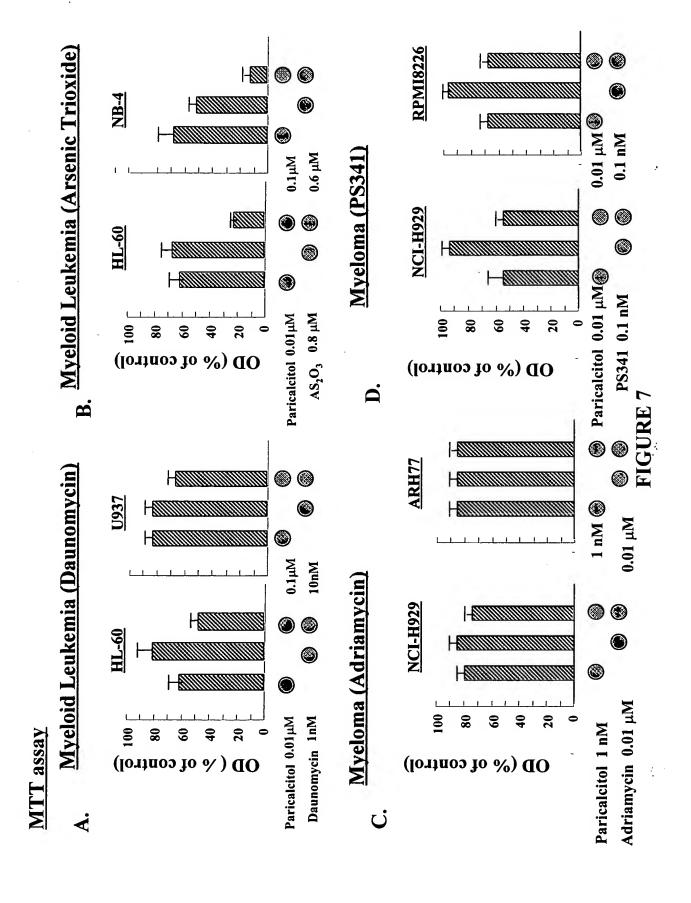
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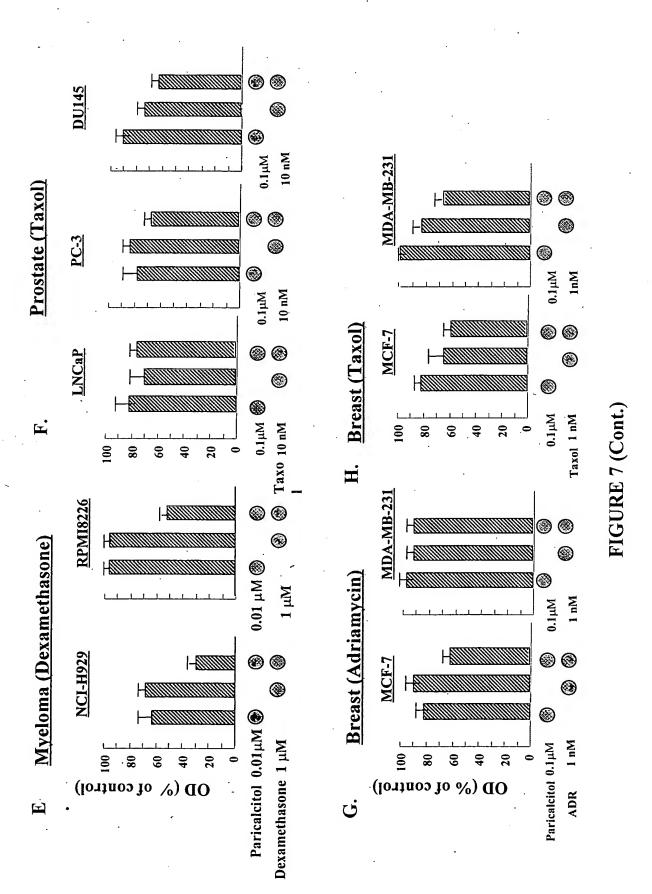
Title: PARICALCITOL AS A CHEMOTHERAPEUTIC AGENT Inventors: Koeffler and Kumagai Filing Date: Herewith Attorney Client-Matter No.: 66783-144 Tel: 858-535-9001 6/18 control Paricalcitol HT-29 Colon P=0.0004Tumor Weight (mg) P = 0.03Control Tumor Size (mm²)

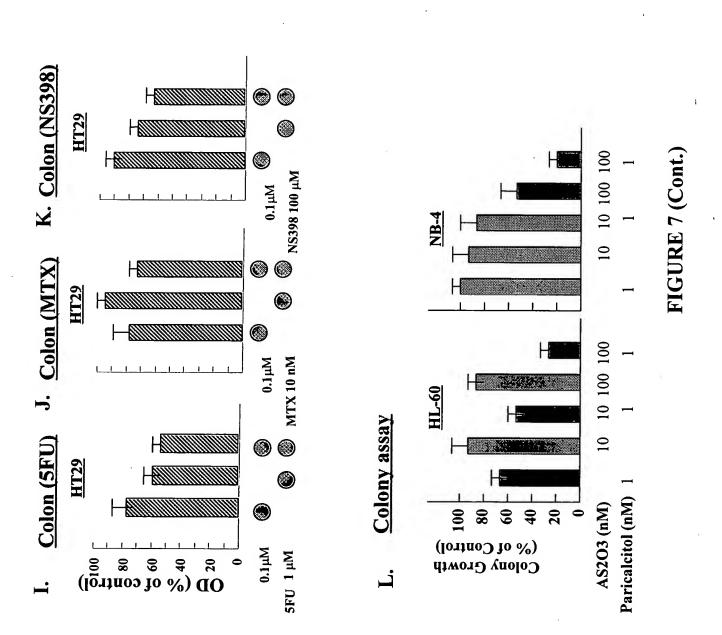
Title: PARICALCITOL AS A CHEMOTHERAPEUTIC AGENT
Inventors: Koeffler and Kumagai
Filing Date: Herewith
Attorney Client-Matter No.: 66783-144
Tel: 858-535-9001 7/18 Coulrol Pariculation (1.0-8 M) G/M M · VDR-KO Mouse 1000 ئ G/M M G. Colony Assay 20 2 2 30 20 10 10 0 Pariculcitol (10-6 M) G/M M 1000 Wild Type Mouse ۍ G/M M ڻ

24 (hrs) VDR-KO 12 Wild Type 12 24 hydroxylase 185 100 90 80 70 60 50 50 40 40 10 Percent of total colonies S 24 hydroxylase GAPDH 185









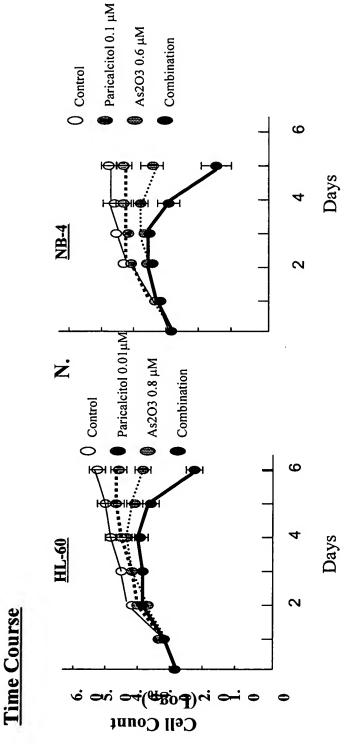


FIGURE 7 (Cont.)

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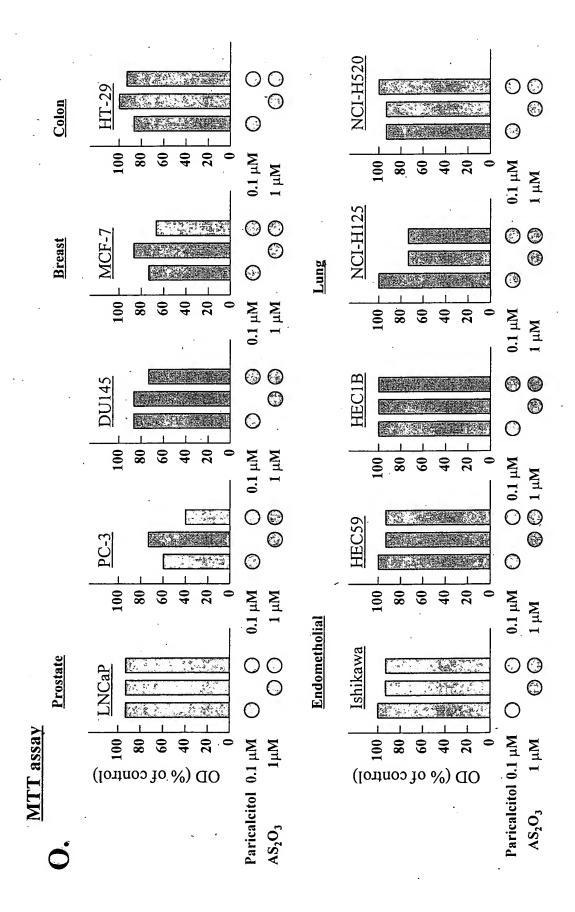
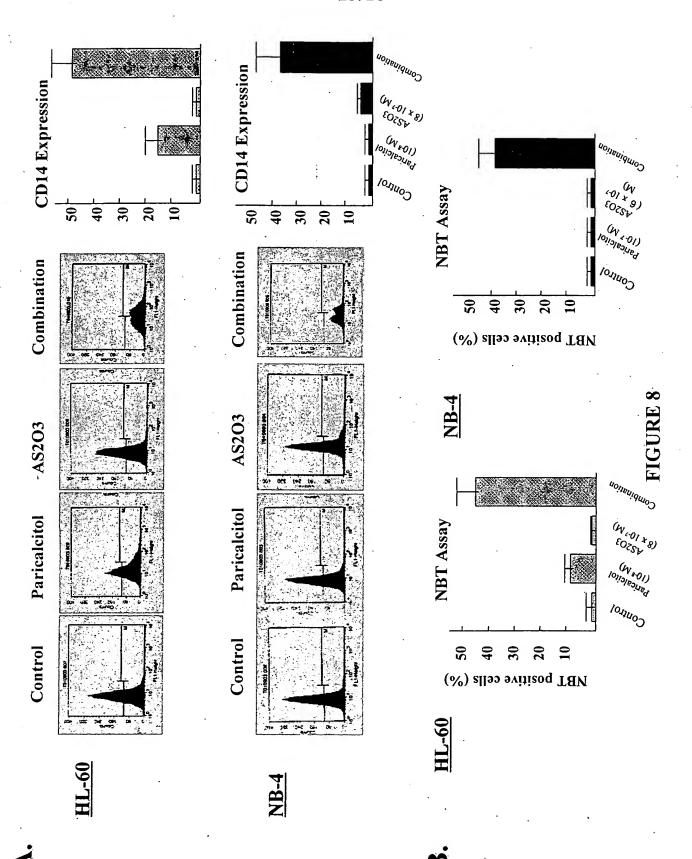
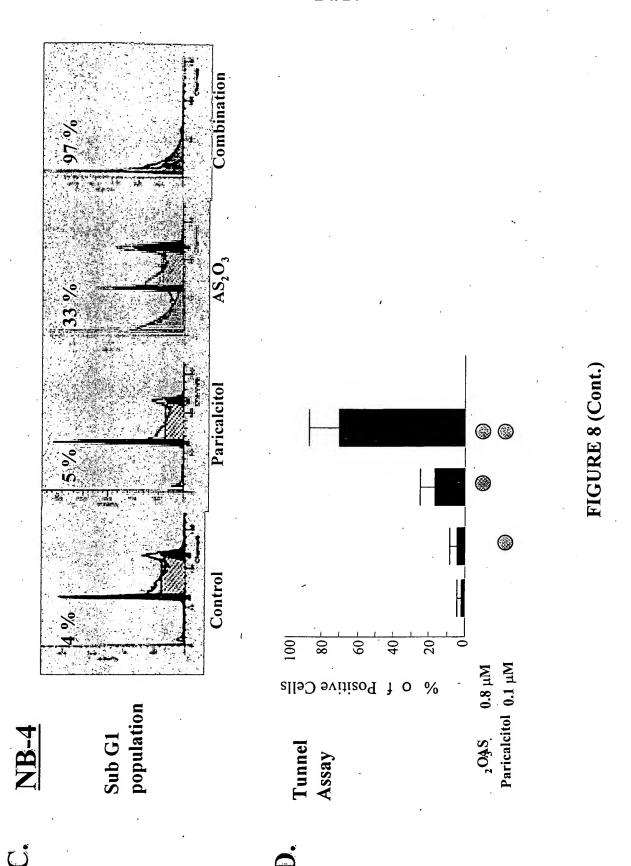


FIGURE 7 (Cont.)

13/18



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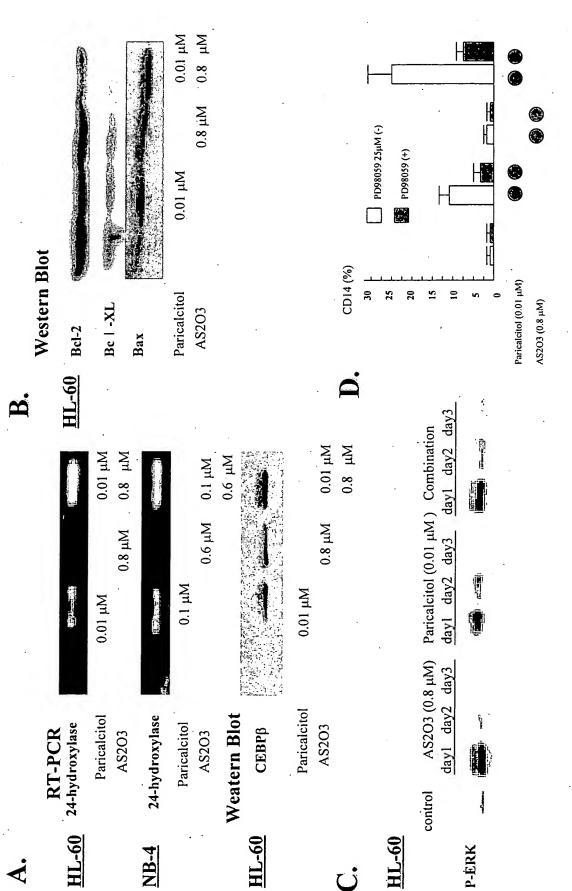
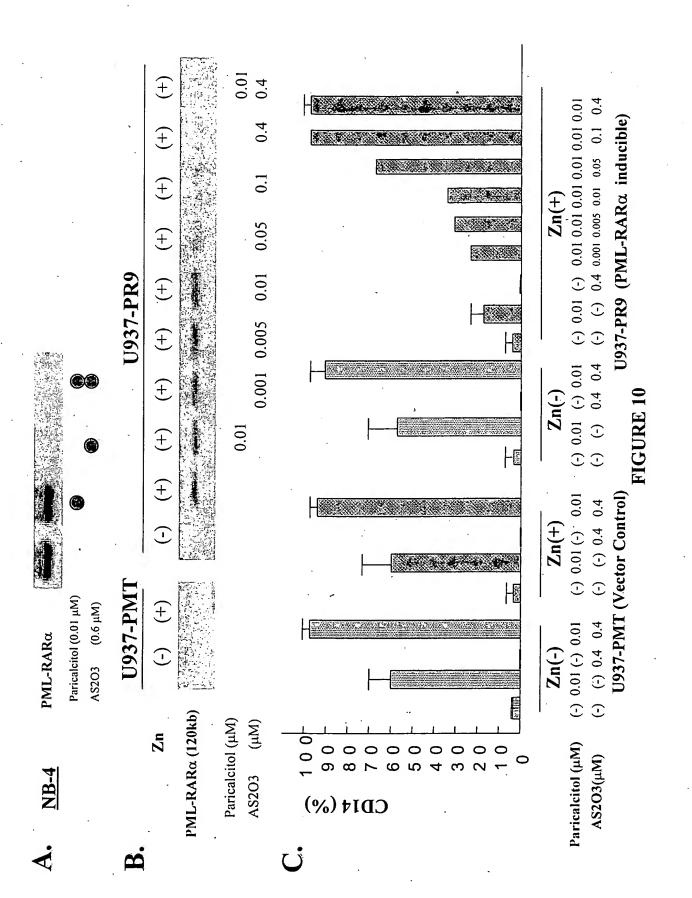


FIGURE 9

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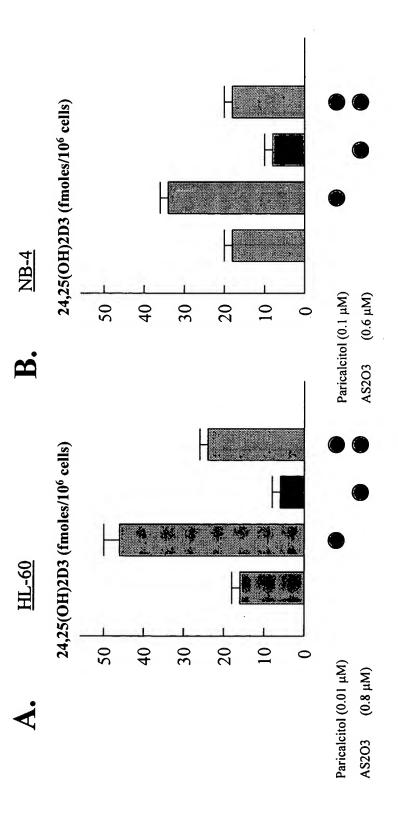


FIGURE 11

Filing Date: Herewith
Attorney Client-Matter No.: 66783-144
Tel: 858-535-9001 18/18 Desanemasone of Links | Control Western Blot FIGURE 12 Combination G2/M (0.1 µM) Cell cycle analysis Dex. 30 20 10 **Paricalcitol** (0.01 µM) G0/G1 Sub G1 population **NCI-H929** Control **NCI-H929** Paricalcitol (0.01 µM) Dexamethasone (0.1 µM) 20 30 10 20 0 9 40 80 % of cells

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